

ABSTRACT OF THE DISCLOSURE

Polyethylene glycol esters and amides of polymerised fatty acids are useful dispersing agents for solids, particularly particulate solids e.g. agrochemicals, oil drilling mud components, pigments, personal care formulants, ceramics, magnetic materials, extenders, fillers, optical brighteners, textile auxiliaries, or soil removed from clothes during cleaning, in aqueous media. Particular such agents are of the formula (I): [Pol]-(COX)_m (I), where: Pol is the core residue of a polymerised fatty acid; m is 2 or 3; and each X is: OM; where M is H, a cationic salt forming species or a group -(AO)_nR⁷; or a group -NR⁸-(AO)_nR⁹; where AO is an alkylene oxide residue; n is from 1 to 100; and R⁷, R⁸ and R⁹ are as defined, from H, an anionic group, alkyl or alkenyl; provided that at least one X is a group of the formula -(AO)_nR⁷ or -NR⁸-(AO)_nR⁹.

518 233

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
24 December 2003 (24.12.2003)

PCT

(10) International Publication Number
WO 03/106010 A1

(51) International Patent Classification⁷: **B01F 17/00**,
A61K 47/34, A01N 25/08

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(21) International Application Number: PCT/GB03/02549

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(22) International Filing Date: 13 June 2003 (13.06.2003)

(81) Designated States (*national*): AU, BR, CA, CN, CO, ID,

(25) Filing Language:

English

IN, JP, KR, MX, NZ, PH, SG, TR, US, ZA.

(26) Publication Language:

English

(84) Designated States (*regional*): European patent (AT, BE,
BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU,
IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR).

(30) Priority Data:

0213818.8 17 June 2002 (17.06.2002) GB

Published:

— with international search report

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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

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WO 03/106010 A1

(54) Title: DISPERSIONS OF A SOLID IN AN AQUEOUS LIQUID INCLUDING A POLYALKYLENEGLYCOL ESTER OR AMIDE OF A FATTY ACID DIMER AND/OR TRIMER

(57) Abstract: Polyethylene glycol esters and amides of polymerised fatty acids are useful dispersing agents for solids, particularly particulate solids e.g. agrochemicals, oil drilling mud components, pigments, personal care formulants, ceramics, magnetic materials, extenders, fillers, optical brighteners, textile auxiliaries, or soil removed from clothes during cleaning, in aqueous media. Particular such agents are of the formula (I): [Pol]-(COX)_m (I), where: Pol is the core residue of a polymerised fatty acid; m is 2 or 3.